

Appl. No. 10/080,502  
Amdt. dated September 27, 2004  
Reply to Office Action of March 25, 2004

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claim 1 (Currently amended) ~~A composition for administration of a beneficial agent to an organism,~~ comprising:

a solvent mixture, comprising

a hydrophobic solvent; and

a hydrophilic solvent;

a bioerodible polymer; and

a beneficial agent,

wherein the polymer and the beneficial agent are dissolved in the solvent mixture,

the composition forming a liquid or gel for direct administration to an organism.

Claim 2 (Original) The composition of claim 1, wherein at least 55 wt% of the solvent mixture is the hydrophobic solvent.

Claim 3 (Original) The composition of claim 1, wherein at least 90 wt% of the solvent mixture is the hydrophobic solvent.

Claim 4 (Original) The composition of claim 1, wherein the hydrophobic solvent has a solubility in water of less than 0.1 wt%.

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Claim 5 (Original) The composition of claim 1, wherein the beneficial agent has a concentration from 0.1 mg/ml to 500 mg/ml.

Claim 6 (Original) The composition of claim 1, wherein the beneficial agent has a concentration from 10 mg/ml to 500 mg/ml.

Claim 7 (Original) The composition of claim 1, wherein the composition can be injected through a 25-gauge needle.

Claim 8 (Original) The composition of claim 1, wherein the viscosity of the composition is less than 2000 centipoise.

Claim 9 (Original) The composition of claim 1, wherein less than 25% of the beneficial agent is released in 24 hours following administration *in vivo*.

Claim 10 (Original) The composition of claim 1, wherein the hydrophobic solvent is benzyl benzoate, the hydrophilic solvent is benzyl alcohol, the bioerodible polymer is polylactide, and the beneficial agent is a peptide or protein.

Claim 11 (Original) The composition of claim 1, wherein the hydrophilic solvent, the hydrophobic solvent, the bioerodible polymer, and the beneficial agent form a suspension.

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Claim 12 (Original) The composition of claim 1, wherein the hydrophilic solvent, the hydrophobic solvent, the bioerodible polymer, and the beneficial agent form a solution.

Claim 13 (Currently Amended) A composition ~~for administration of a beneficial agent,~~  
comprising:

a solvent mixture, comprising

a hydrophobic solvent; and

a hydrophilic solvent;

a bioerodible polymer; and

a beneficial agent,

wherein the polymer and the beneficial agent are dissolved in the solvent mixture, the composition forming a liquid or gel for direct administration to an organism; and

wherein the viscosity of the composition is less than 2000 centipoise.

Claim 14 (Original) The composition of claim 13 wherein at least 55 wt% of the solvent mixture is the hydrophobic solvent.

Claim 15 (Original) The composition of claim 13, wherein at least 90 wt% of the solvent mixture is the hydrophobic solvent.

Claim 16 (Original) The composition of claim 13, wherein the hydrophobic solvent has a solubility in water of less than 0.1 wt%.

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Claim 17 (Original) The composition of claim 13, wherein the composition can be injected through a 28-gauge needle.

Claim 18 (Original) The composition of claim 13, wherein the composition can be injected through a 30-gauge needle.

Claim 19 (Original) The composition of claim 13, wherein the viscosity of the composition is less than 500 centipoise.

Claim 20 (Original) The composition of claim 13, wherein the hydrophobic solvent is benzyl benzoate, the hydrophilic solvent is benzyl alcohol, the bioerodible polymer is polylactide, and the beneficial agent is a peptide or protein.

Claim 21 (Original) The composition of claim 13, wherein the hydrophilic solvent, the hydrophobic solvent, the bioerodible polymer, and the beneficial agent form a solution.

Claim 22 (Original) The composition of claim 13, wherein the hydrophilic solvent, the hydrophobic solvent, the bioerodible polymer, and the beneficial agent form a suspension.

Claim 23 (Currently Amended) A composition for administration of a beneficial agent to an organism, comprising:

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a solvent mixture, the solvent mixture comprising a hydrophobic solvent and a hydrophilic solvent;

a bioerodible polymer dissolved in the solvent mixture; and

a beneficial agent, wherein the beneficial agent and polymer are dissolved in the solvent mixture, the composition forming a liquid or gel for direct administration to an organism,

wherein the viscosity of the composition is less than 2000 centipoise, at least 90 wt% of the solvent mixture is the hydrophobic solvent, the hydrophobic solvent has a solubility in water of less than 0.1 wt%, and less than 25% of the beneficial agent is released in 24 hours following administration *in vivo*.

Claim 24 (Original) The composition of claim 23, wherein the hydrophobic solvent is benzyl benzoate, the hydrophilic solvent is benzyl alcohol, the bioerodible polymer is polylactide, and the beneficial agent is a peptide or protein.

Claim 25 (Original) A method of administering a beneficial agent, comprising: injecting the composition of claim 1 into an organism through a needle.

Claim 26 (Original) The method of claim 25, wherein the needle is a 25-gauge needle.

Claim 27 (Original) The method of claim 25, wherein the needle is a 28-gauge needle.

Claim 28 (Original) The method of claim 25, wherein the needle is a 30-gauge needle.

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Claim 29 (Original) A method of administering a beneficial agent, comprising: injecting the composition of claim 13 into an organism through a needle.

Claim 30 (Original) The method of claim 29, wherein the needle is a 25-gauge needle.

Claim 31 (Original) The method of claim 29, wherein the needle is a 28-gauge needle

Claim 32 (Original) The method of claim 29, wherein the needle is a 30-gauge needle.

Claim 33 (Original) A method of administering a beneficial agent, comprising: injecting the composition of claim 23 into an organism through a needle.

Claim 34 (Currently Amended) A kit, comprising:

a container;

a hydrophobic solvent;

a hydrophilic solvent;

a bioerodible polymer; and

a beneficial agent,

wherein the amount of said hydrophobic solvent and said hydrophilic solvent is sufficient together to dissolve all of said polymer and form a liquid or gel for direct administration to an organism.

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Claim 35 (Original) The kit of claim 34, comprising a unit dosage of the beneficial agent.

Claim 36 (Original) The kit of claim 34, wherein the hydrophobic solvent, the hydrophilic solvent, and the bioerodible polymer are sterile.

Claim 37 (Original) The kit of claim 34, further comprising at least one syringe.

Claim 38 (Original) The kit of claim 34, wherein the container comprises a septum.

Claim 39 (Original) The kit of claim 37, further comprising at least one needle.

Claim 40 (Original) The kit of claim 39, wherein the beneficial agent, the hydrophobic solvent, the hydrophilic solvent, and the bioerodible polymer, are in said at least one syringe.